

PCT WORLD INDUSTRIAL PROPERTY ORGANISATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED IN PURSUANCE OF THE PATENT CO-OPERATION TREATY (PCT)

- | | | | |
|------|---|------|---|
| (51) | International Patent Classification ⁶ :
A61B 17/39 A1 | (11) | International Publication No:
WO 99/11186 |
| | | (43) | International publication date:
11th March 1999 (11.03.99) |
-
- | | | | |
|------|---|------|--|
| (21) | International application No:
PCT/DE98/02695 | (81) | Designated States:
JP, US, European patent (AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). |
|------|---|------|--|
- (22) International filing date:
4th September 1998 (04.09.98)
- | | | |
|------|--|--|
| (30) | Priority Data:
197 39 699.2
4th September 1997 (04.09.97) DE | Published
With international Search Report.
Prior to expiry of the period allowed for amendment
in the claims; publication is repeated if amendments
are received. |
|------|--|--|
- (71) Applicants: (for all designated States
except US):
LASER- UND MEDIZIN-TECHNOLOGIE
GMBH, BERLIN [DE/DE];
Krahnstrasse 6-10, D12207
Berlin (DE).
- (72) Inventors; and
(75) Inventors/Applicants (only for US):
MÜLLER, Gerhard [DE/DE]; An der
Rehwiese 8, D-14129 Berlin (DE).
DESINGER, Kai [DE/DE];
Willmannsdamm 10, D-10827 Berlin
(DE). STEIN, Thomas [DE/DE];
Kurfürstenstrasse 81, D-10787
Berlin (DE).
- (74) Attorney: CHRISTIANSEN, Henning;
Pacelliallee 43/45, D-14195 Berlin (DE)
-
- (54) Title: ELECTRODE ARRANGEMENT FOR ELECTROTHERMAL TREATMENT OF THE HUMAN OR ANIMAL
BODY
- (57) Abstract

An electrode arrangement (82) for electrothermal treatment of the human or animal body, with at least one electrode arranged on an electrode carrier, for insertion into the body, which is connected to an alternating current source (81) by way of a supply line, and a temperature control device (84, 85) for influencing the effective temperature profile in the treatment region, wherein the electrodes carrier and the electrode or electrodes are designed for direct, in particular duct-forming insertion into body tissue, and the temperature control device has a time-controllable heating device (85) for thermal support of the insertion.